

ABSTRACT

A compact and light flying head type magneto-
5 optical head apparatus is provided. The magneto-optical
head apparatus (1) of the present invention comprises a
suspension (12) whose one end is fixed to a lower surface
of an arm (11), a slider (13) fixed to a free end of the
suspension (12), and a magnetic modulation coil (14) and
10 an object lens (15) mounted on the slider (13). The
slider (13) mounted with the magnetic modulation coil
(14) and the object lens (15) floats due to a wind
pressure caused by rotation of an MO disk (3). The
magneto-optical head apparatus (1) is further provided
15 with a collimeter lens (21) between a light source (71)
and the object lens (15) in a hybrid optical apparatus
(7) provided to the arm (11), and a position of the
collimeter lens (21) can be adjusted vertically along an
optical axis O-O by a collimeter actuator (23), so that
20 optical conditions between the light source (71) and the
object lens (15) are improved.